

REMARKS

Claims 1-10, 12, 14-16, 20, 23-25, 27 and 30 were previously pending in this application. Claim 1 is being canceled without prejudice or disclaimer. Claims 1, 2, 7-10, 12, 14-16, 20, 23-25, 27 and 30 are being amended. New claim 93 is being added. As a result, claims 2-10, 12, 14-16, 20, 23-25, 27, 30 and 93 are currently pending for examination. No new matter has been added.

Allowable Claims

In the Final Office mailed September 2, 2010, claims 5 and 6 were deemed to be allowed. In view of the present amendment, each of claims 2-10, 12, 14-16, 20, 23-25, 27 and 30 depends either directly or indirectly from allowed claim 5, and withdrawal of the rejections of these dependent claims is respectfully requested.

New Claim

New dependent claim 93 is being added to recite that the first signal, representing a value of a fluid flow rate, represents a value of a blood flow rate. Support for new dependent claim 93 can be found throughout the specification as filed, including for example, at page 9, lines 8-10, and page 23, lines 28-29.

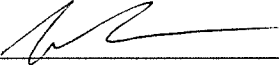
CONCLUSION

In view of the above amendment, applicant believes the pending application is in condition for allowance.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 23/2825 under Docket No. B1075.71016US01 from which the undersigned is authorized to draw.

Dated: December 20, 2010

Respectfully submitted,

By 
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